

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A glass substrate for an emissive display, ~~composition~~  
~~for the manufacture of thermally stable substrates or plates~~ wherein the a glass comprises a  
composition ~~comprises~~ comprising the constituents below, in the following proportions by  
weight :

SiO<sub>2</sub>            67 - 75 %

Al<sub>2</sub>O<sub>3</sub>           0.5 - 1 %

ZrO<sub>2</sub>            2 - 7 %

Na<sub>2</sub>O            2 - 9 %

K<sub>2</sub>O             4 - 11 %

MgO             0 - 5 %

CaO             5 - 10 %

SrO              5 - 12 %

BaO              0 - 3 %

B<sub>2</sub>O<sub>3</sub>           0 - 3 %

Li<sub>2</sub>O            0 - 2 %

with the relationships :

$\text{Na}_2\text{O} + \text{K}_2\text{O} > 10 \%$

$\text{MgO} + \text{CaO} + \text{SrO} + \text{BaO} > 12 \%$

and said composition having a thermal expansion coefficient between 80 and 90 ×  
10<sup>-7</sup>/°C.

Claim 2 (Currently Amended): The glass substrate ~~composition~~ as claimed in claim  
1, wherein the sum of the MgO, CaO, SrO and BaO contents is greater than or equal to 15 %.

Claim 3 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the sum of the Na<sub>2</sub>O and K<sub>2</sub>O contents is between 10 and 15 %.

Claim 4 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the weight ratio of the Na<sub>2</sub>O content to the K<sub>2</sub>O content is less than or equal to 0.7.

Claim 5 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the SiO<sub>2</sub> content is less than 71 %.

Claim 6 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the sum of the Al<sub>2</sub>O<sub>3</sub> and ZrO<sub>2</sub> contents is less than or equal to 6 %.

Claim 7 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass comprises the composition ~~comprises~~ comprising the constituents below in the following proportions by weight :

SiO <sub>2</sub>	67 - 75 %
Al <sub>2</sub> O <sub>3</sub>	0.5 - 1 %
ZrO <sub>2</sub>	2 - 5 %
Na <sub>2</sub> O	2 - 4 %
K <sub>2</sub> O	7 - 11 %
MgO	0 - 2 %
CaO	6 - 10 %
SrO	6 - 12 %
BaO	0 - 2 %

B<sub>2</sub>O<sub>3</sub>            0 - 3 %

Li<sub>2</sub>O            0 - 2 %.

Claim 8 (P Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a strain point of greater than 570°C.

Claim 9 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a liquidus temperature T<sub>liq</sub> of at most 1180°C.

Claim 10 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a viscosity corresponding to  $\log \eta = 3.5$  at a temperature at least equal to 1160°C.

Claim 11 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a viscosity corresponding to  $\log \eta = 2$  at a temperature not exceeding 1560°C.

Claim 12 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a density at 25°C of less than 3.

Claims 13-14 (Canceled)

Claim 15 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the thermal expansion coefficient is less than  $85 \times 10^{-7}/^{\circ}\text{C}$ .

Claim 16 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the thermal expansion coefficient is between  $81$  and  $84 \times 10^{-7}/^{\circ}\text{C}$ .

Claim 17 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a strain point of greater than  $580^{\circ}\text{C}$ .

Claim 18 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a liquidus temperature  $T_{\text{liq}}$  of between  $1130$  and  $1170^{\circ}\text{C}$ .

Claim 19 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a viscosity corresponding to  $\log \eta = 3.5$  at a temperature between  $1160$  and  $1200^{\circ}\text{C}$ .

Claim 20 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a viscosity corresponding to  $\log \eta = 2$  at a temperature not exceeding  $1550^{\circ}\text{C}$ .

Claim 21 (Currently Amended): The glass substrate composition as claimed in claim 1, wherein the glass ~~composition~~ has a density at  $25^{\circ}\text{C}$  of around  $2.7$ .

Claims 22-23 (Cancelled)

Claim 24 (New): A plasma-type emissive display comprising a glass substrate according to claim 1.

Claim 25 (New): A luminescent display comprising a glass substrate according to claim 1.

Claim 26 (New): A field-emission display comprising a glass substrate according to claim 1.

Claim 27 (New): A glass substrate for an emissive display, wherein a glass comprises a composition comprising the constituents below, in the following proportions by weight :

SiO<sub>2</sub>            67.5 - 75 %

Al<sub>2</sub>O<sub>3</sub>           0.5 - 1 %

ZrO<sub>2</sub>            2 - 7 %

Na<sub>2</sub>O            2 - 9 %

K<sub>2</sub>O             4 - 11 %

MgO             0 - 5 %

CaO             5 - 10 %

SrO              5 - 12 %

BaO              0 - 3 %

B<sub>2</sub>O<sub>3</sub>           0 - 3 %

Li<sub>2</sub>O            0 - 2 %

with the relationships :

Na<sub>2</sub>O + K<sub>2</sub>O > 10 %

MgO + CaO + SrO + BaO > 12 %

and said composition having a thermal expansion coefficient between  $80$  and  $90 \times 10^{-7}/^{\circ}\text{C}$ , wherein the glass has a viscosity corresponding to  $\log \eta = 3.5$  at a temperature at least equal to  $1160^{\circ}\text{C}$ .

Claim 28 (New): A glass substrate for an emissive display, wherein a glass comprises a composition comprising the constituents below, in the following proportions by weight :

$\text{SiO}_2$	67.5 - 75 %
$\text{Al}_2\text{O}_3$	0.5 - 1 %
$\text{ZrO}_2$	2 - 7 %
$\text{Na}_2\text{O}$	2 - 9 %
$\text{K}_2\text{O}$	4 - 11 %
$\text{MgO}$	0 - 5 %
$\text{CaO}$	5 - 10 %
$\text{SrO}$	5 - 12 %
$\text{BaO}$	0 - 3 %
$\text{B}_2\text{O}_3$	0 - 3 %
$\text{Li}_2\text{O}$	0 - 2 %

with the relationships :

$$\text{Na}_2\text{O} + \text{K}_2\text{O} > 10 \%$$

$$\text{MgO} + \text{CaO} + \text{SrO} + \text{BaO} > 12 \%$$

and said composition having a thermal expansion coefficient between  $80$  and  $90 \times 10^{-7}/^{\circ}\text{C}$ , wherein the glass has a viscosity corresponding to  $\log \eta = 2$  at a temperature not exceeding  $1560^{\circ}\text{C}$ .

Claim 29 (New): A emissive display comprising a glass substrate according to claim  
27.

Claim 30 (New): A emissive display comprising a glass substrate according to claim  
28.